

## Author Index

Abe, K. 53  
Abe, M. 29, 37  
Abe, T. 81  
Aratono, M. 53  
Asano, H. 257  
  
Boutonnet-Kizling, M. 9  
  
Chorro, M. 213  
Christian, S.D. 29, 37  
  
Denkov, N. 81  
Denkov, N.D. 119  
  
Ebert, G. 157  
Esumi, K. 1  
  
Fukuda, K. 195  
Furusawa, K. 95  
  
Girard, P. 9  
Gotoh, N. 257  
  
Hamada, S. 45  
Hidaka, H. 165  
Ho, C.C. 109  
Hoffmann, H. 223  
  
Ikeda, N. 53  
Ikeda, S. 21  
Ishii, C. 203  
Ishii, Y. 1  
Ishikawa, A. 1  
Ivanov, I.B. 81, 119, 139  
  
Jablonski, J. 101  
Kamenka, N. 213  
Kamo, O. 67  
Kanda, T. 53  
Kaneko, K. 203  
Karlström, G. 147  
Kihara, K. 1  
Kizling, J. 9  
Kondo, T. 61  
Koshinuma, M. 183  
Kralchevsky, P.A. 119, 139  
Kudo, Y. 45  
  
Lee, K.C. 109  
Leermakers, F.A.M. 239  
Lindman, B. 147  
Lyklema, J. 239  
  
Maire, G. 9  
Matijević, E. 101  
Matsumoto, M. 81  
Morita, M. 81  
Motomura, K. 53  
Muramatsu, N. 61  
  
Nagahama, T. 61  
Nagayama, K. 119  
Nakamura, A. 183  
Nashima, T. 95  
Nikolov, A.D. 139  
Nishi, N. 157  
  
Ogino, K. 29, 37  
Ohshima, H. 61  
Okabayashi, H. 67  
  
Packman, M.K. 265  
Paunov, V.N. 119  
  
Sasamoto, H. 257  
Saso, Y. 21  
  
Scamehorn, J.F. 37  
Shibasaki, Y. 195  
Shibata, Y. 29  
Sprycha, R. 101  
Stenius, P. 9  
Sudo, H. 95  
Sugiyama, N. 67  
  
Tadros, Th.F. 265  
Taga, K. 67  
Tajima, K. 183  
Talmon, Y. 213  
Tamori, K. 1  
Thunig, C. 223  
Todoroki, N. 53  
Tojo, T. 45  
Tokuoka, Y. 37  
Touroude, R. 9  
  
Uchida, S. 257  
Uchiyama, H. 29, 37  
Ueno, M. 257  
Usui, S. 81  
  
Valiente, M. 223  
Velev, O. 81  
  
Wasan, D.T. 139  
  
Yamaguchi, T. 29  
Yeap, E.B. 109  
Yoshida, T. 67  
Yoshimo, N. 29  
Yoshino, A. 67  
  
Zana, R. 213  
Zhang, K.-W. 147  
Zhao, J. 165  
Zölzer, U. 157

## Subject Index

- Amphoteric surfactant, 183
- Anionic–cationic surfactant mixtures, 213
- Anionic–non-ionic mixed micelles, 37
- Anisotropic field, 239
- AOT, 67, 157
- Asymptotic expansions, 119
- Brunauer–Emmett–Teller surface area, 203
- Capillary meniscus forces, 119
- Cationic fluorocarbon surfactant, 1
- Chirality, 67
- Cholesterol solubilization, 257
- Chromium hydroxide, 101
- Circular dichroism spectra, 157
- Clupeine, 157
- Colloid crystal formation, 139
- Conformation, 157
- Copper complex, 183
- Copper particles, 45
- Counterion binding, 213
- Cryo-transmission electron microscopy, 213
- Depletion flocculation, 265
- Differential scanning calorimetry, 195
- Dispersion, 95
- Dodecylammonium chloride, 53
- Dodecytrimethylammonium bromide, 21
- Electric conductivity, 1
- Electrokinetic properties, 109
- Film, 53
- Flocculation, 95
- Fluorinated surfactants, 81
- Fluorocarbon surfactant, 29
- $\gamma$ -Ray initiated post-polymerization, 195
- Guinea-pig polymorphonuclear leucocytes, 61
- Hexadecyl polyoxyethylene ethers, 37
- Hexagonal liquid crystal, 195
- Hydrocarbon surfactant, 29
- Interfacial tension, 81
- L<sub>3</sub> phases, 223
- Lamellar micelle, 183
- Lamellar structure, 195
- Latex suspensions, 265
- Lattice theory, 239
- Liquid films, 139
- Lyotropic liquid crystals, 223
- Mechanism of formation, 101
- Micellar composition, 257
- Micellar expansion, 37
- Micelles, 53, 223, 265
- Micrographite, 203
- Microparticles, 119
- Micropolarity, 29
- Micropore filling, 203
- Microporous carbon, 203
- Miscibility, 53
- Mixed critical micelle concentration, 1
- Mixed micelles, 29, 213
- Mutual diffusion coefficient, 29
- <sup>13</sup>C NMR, 67
- <sup>1</sup>H NMR, 67
- Non-ionic microemulsions, 9
- Non-ionic surfactant, 257
- Octylsulfinylethanol, 53
- Oil-in-oil emulsions, 81
- Oil–oil interfaces, 81
- Order parameters, 239
- Palladium, 9
- Particle preparation, 45
- Partition coefficient, 1
- Phase behaviour, 147
- Phase separation, 147
- Photo-oxidation, 165
- Photocatalysis, 165
- Photodegradation, 165
- Platinum, 9
- Polyelectrolyte, 95
- Polymer, 147
- Polymer latex, 95
- Precipitation, 101, 183

Protamine, 157  
Pyrene-3-carboxaldehyde fluorescence method, 1  
Radial segment distribution, 239  
Reduction kinetics, 45  
Reverse micelles, 67,157

Salmine, 157  
Second virial coefficient, 29  
Self-diffusion, 213  
Semiconductor, 165  
Sodium 10-undecenoate, 195  
Sodium bromide, 21  
Sodium cholate, 257  
Sodium dodecyl sulfate, 37  
Solubilization, 21,37,183  
Spirypyran, 21  
Statistical thermodynamics, 239

Stratification, 139  
Surface characterization, 45  
Surface charge distribution, 61  
Surface tension, 53  
Surfactant, 147,165  
Surfactant-specific electrodes, 213

Tin tailing slimes, 109  
Titanium dioxide, 165

Uniform particles, 45

Vesicles, 223

Zeta potential, 101  
Zinc 10-undecenoate, 195  
Zwitterionic surfactants, 223